

## ER-2 #809 04/11/13

**Aircraft:** [ER-2 - AFRC #809](#) ([See full schedule](#))

**Flight Number:** 13-9036

**Payload Configuration:** HypsIRI - AVIRIS, MASTER, & DCS

**Nav Data Collected:** Yes

**Total Flight Time:** 6.1 hours

**Comments:** Good Flight. From initial looks, AVIRIS, MASTER, & DCS operated well over the HypsIRI Santa Barbara Box. Few clouds in the box. Started flight with a successful Landsat 8 underpass.

**Submitted by:** Timothy Moes on 04/12/13

### Flight Segments:

<b>From:</b>	PMD	<b>To:</b>	PMD
<b>Date:</b>	04/11/13		
<b>Flight Time:</b>	5.7 hours		
<b>Log Number:</b>	<a href="#">132003</a>	<b>PI:</b>	Robert Green
<b>Funding Source:</b>	Woody Turner - NASA - SMD - ESD Biological Diversity		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	Southern California HypsIRI Box		

<b>From:</b>	PMD	<b>To:</b>	PMD
<b>Date:</b>	04/11/13		
<b>Flight Time:</b>	0.4 hours		
<b>Log Number:</b>	<a href="#">132017</a>	<b>PI:</b>	Robert Green
<b>Funding Source:</b>	Diane Wickland - NASA - SMD - ESD Terrestrial Ecology		
<b>Purpose of Flight:</b>	Science		
<b>Comments:</b>	Landsat 8 underpass		

### Flight Hour Summary:

	112005	122003	132003	142008
<b>Flight Hours Approved in SOFRS</b>			100	
<b>Flight Hours Previously Approved</b>				13.9
<b>Total Used</b>	0	0	86.1	12.9
<b>Total Remaining</b>				1

### 142008 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">10/31/13</a>	14-9002	Science	4.4	4.4	9.5	
<a href="#">11/05/13</a>	14-9003	Science	5.7	10.1	3.8	
<a href="#">11/17/13</a>	14-9005	Science	2.8	12.9	1	

### 132003 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">04/10/13</a>	13-9037	Science	6.5	6.5	93.5	
<a href="#">04/11/13</a>	13-9036	Science	5.7	12.2	87.8	
<a href="#">04/12/13</a>	13-9039	Science	8.5	20.7	79.3	
<a href="#">04/19/13</a>	13-9040	Science	7.6	28.3	71.7	
<a href="#">05/02/13</a>	13-9041	Science	4.4	32.7	67.3	
<a href="#">05/03/13</a>	13-9042	Science	4.3	37	63	
<a href="#">05/22/13 - 05/23/13</a>	13-6021	Science	7.6	44.6	55.4	
<a href="#">06/01/13</a>	13-6026	Science	1.1	45.7	54.3	
<a href="#">06/04/13</a>	13-6027	Science	4.7	50.4	49.6	

<a href="#">06/06/13 - 06/07/13</a>	13-6028	Science	6.7	57.1	42.9
<a href="#">06/07/13</a>	13-6029	Science	6.7	63.8	36.2
<a href="#">06/10/13</a>	13-6030	Science	1.5	65.3	34.7
<a href="#">06/26/13</a>	13-6037	Science	4.9	70.2	29.8
<a href="#">09/13/13</a>	13-6045	Science	2.6	72.8	27.2
<a href="#">09/19/13</a>	13-6048	Science	5.7	78.5	21.5
<a href="#">09/24/13</a>	13-6049	Science	7.6	86.1	13.9

#### 142009 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">11/25/13</a>	14-9007	Other	1.8	1.8	9.1	
<a href="#">03/31/14</a>	14-6029	Science	2.2	4	6.9	
<a href="#">05/30/14</a>	14-6042	Other	3.6	7.6	3.3	
<a href="#">06/06/14</a>	14-6046	Science	2.8	10.4	0.5	
<a href="#">08/18/14 - 08/19/14</a>	14-9038	Science	0.5	10.9	-0	

Source URL: [https://airbornescience.nasa.gov/flight\\_reports/ER-2\\_809\\_04\\_11\\_13#comment-0](https://airbornescience.nasa.gov/flight_reports/ER-2_809_04_11_13#comment-0)

Page Last Updated: April 22, 2017

Page Editor: Brad Bulger

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*Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.*

#### 132017 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
<a href="#">02/27/13</a>	13-6007	Science	3.5	3.5	26.5	
<a href="#">03/06/13</a>	13-6008	Science	2	5.5	24.5	
<a href="#">03/29/13</a>	13-9034	Science	4.1	9.6	20.4	
<a href="#">04/11/13</a>	13-9036	Science	0.4	10	20	
<a href="#">05/02/13</a>	13-9041	Science	1	11	19	
<a href="#">05/03/13</a>	13-9042	Science	2.8	13.8	16.2	
<a href="#">09/16/13</a>	13-6046	Science	3.4	17.2	12.8	
<a href="#">09/18/13</a>	13-6047	Science	1.9	19.1	10.9	

	132017	142009
Flight Hours Approved in SOFRS	30	
Flight Hours Previously Approved		10.9
Total Used	19.1	10.4
Total Remaining		0.5